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DOCUMENT-IDENTIFIER: US 5240864 A
TITLE: Method of assaying or analyzing subtypes of human leukocyte interferons or their antibodies, and antibodies to be used therefor

BSPR:
Human leukocytes are suspended in a suitable culture medium (for example, Ham F12 culture medium), and the resulting suspension is admixed for example with a suitable quantity (50 to 200 HA) of Sendai virus, followed by cultivation to thereby produce crude interferon. The above procedure can be performed by means of the known method (Cantell et al., Methods in Enzymology, 78, 29 (1981)). Subsequently, the crude interferon can further be purified with use of a technique (Cantell et al., ibid., 499) consisting of combination of precipitation with an alkali rhodanide such as potassium rhodanide under acidic conditions and ethanol precipitation to thereby give partially purified human leukocyte interferon.

CLPR:
2. A process according to claim 1, wherein the antiserum is a product obtained by immunizing an animal with partially purified human leukocyte interferon which is obtained by purifying a culture of human leukocytes stimulated with Sendai virus by precipitation with an alkali rhodanide under acidic condition and ethanol precipitation, and recovering the serum from the animal.